

Converting Colors

XYZ(33.1914, 32.1719, 23.8624)

Have a look what the booklet for
XYZ(33.1914, 32.1719, 23.8624)
contains.

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Color

**XYZ(33.1914, 32.1719,
23.8624)**

Conversions

Conversions Part 1

Format	Color
Hex	B5937D
RGB	181, 147, 125
RGB Percent	71%, 58%, 49%
CMY	0.2902, 0.4235, 0.5098
CMYK	0.00, 0.19, 0.31, 0.29
HSL	24°, 27%, 60%
HSV	24°, 31%, 71%
XYZ	33.1914, 32.1719, 23.8624
YIQ	154.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

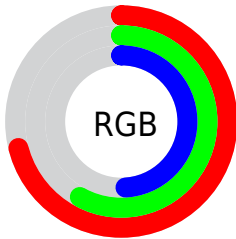
Format	Color
R_{YB}	181, 161, 125
Decimal	11899773
CIE _{Lab}	63.48, 9.49, 16.46
CIE _{LCh}	63, 19.002, 60.027
Yxy	32.1719, 0.3720, 0.3606
Android (android.graphics.Color)	4290089853 (0xFFB5937D)
YUV	154.6580, -14.6214, 23.1019
Hunter-Lab	56.7203, 5.1936, 14.7607

Details

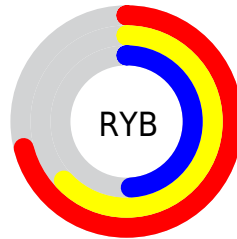
The XYZ color **33.1914, 32.1719, 23.8624** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1955, 32.4911, 48.4486**, and the grayscale version is **31.0594, 32.6769, 35.5851**.

A 20% lighter version of the original color is **64.1824, 63.1648, 50.9287**, and **14.2398, 13.3996, 8.6733** is the 20% darker color. If you saturate the color by 10%, you get **30.5112, 28.4963, 17.7749**, and if you desaturate by 10%, it is **36.2472, 36.2612, 31.1154**.

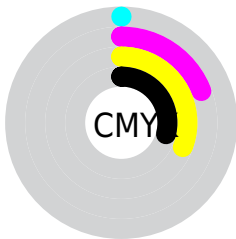
Distribution



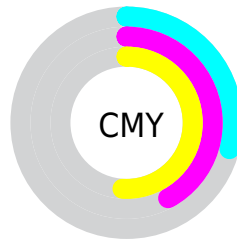
- Red (71%)
- Green (58%)
- Blue (49%)



- Red (71%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1914, 32.1719, 23.8624 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 33.1914, 32.1719, 23.8624 by changing the saturation by 10% instead.

■ 33.1914, 32.1719,
23.8624

■ 33.1914, 32.1719,
23.8624

308.1611,
311.9016, 285.3882

■ 22.4330, 21.4928,
15.0203

■ 64.0269, 63.0805,
50.7466

■ 14.2938, 13.4847,
8.6869

■ 84.8348, 84.0788,
69.6258

■ 8.4084, 7.7632,
4.4435

■ 109.7232,
109.2856, 92.6877

■ 4.4113, 3.9438,
1.8717

139.0576,
139.0854, 120.3510

■ 1.9374, 1.6422,
0.4746

173.2031,
173.8624, 153.0342

■ 0.5984, 0.3858,
0.0000

212.5254,

■ 0.0000, 0.0000,

214.0012, 191.1557

0.0000

257.3895,
259.8862, 235.1342

■ 33.1914, 32.1719,
23.8624

■ 33.1914, 32.1719,
23.8624

■ 30.5112, 28.4963,
17.7749

■ 36.2472, 36.2612,
31.1154

■ 28.1882, 25.2163,
12.7890

■ 39.6912, 40.7728,
39.5892

■ 26.2057, 22.3188,
8.8378


■ 43.5381, 45.7204,
49.3378


■ 24.5450, 19.7882,
5.8461


■ 47.8014, 51.1160,
60.4115


■ 23.1849, 17.6078,
3.7282

■ 52.4937, 56.9708,
72.8578


 22.1008, 15.7588,
2.3830

 57.6272, 63.2957,
86.7217

 21.3170, 14.3456,
1.6455

 63.2135, 70.1014,
102.0464

 66.7880, 76.4077,
105.8358

 70.0301, 82.8919,
106.9165

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1984, 32.1719, 28.2322



33.1914, 32.1719, 23.8624



30.5760, 32.1719, 22.3853

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.1914, 32.1719, 23.8624



25.7674, 32.1719, 35.0367



33.1958, 32.1719, 49.2208

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.1914, 32.1719, 23.8624



29.1955, 32.4911, 48.4486

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.5808, 32.1719, 51.7152



33.1914, 32.1719, 23.8624



26.3815, 32.1719, 42.8392

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.1914, 32.1719, 23.8624



26.3793, 32.1719, 28.2426



28.1063, 32.1719, 49.2294



35.2011, 32.1719, 42.8254

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.1914, 32.1719, 23.8624



28.8689, 32.1719, 23.0454



28.1063, 32.1719, 49.2294



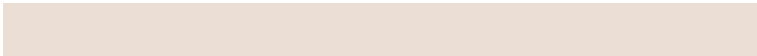
32.3542, 32.1719, 50.5811

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.1922, 32.1734, 23.8631



72.2646, 74.5500, 73.8555



32.6942, 27.0130, 36.5351



15.4140, 15.8475, 15.4491



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1922, 32.1734, 23.8631



56.1669, 53.1431, 35.2305



37.9841, 41.7572, 25.4604



8.7612, 9.0348, 8.9347



14.7590, 10.0165, 1.1555



0.5221, 0.4306, 0.0556

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.1955, 32.4911, 48.4486



47.8824, 53.7892, 86.1533



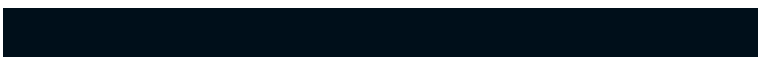
24.9863, 24.0727, 47.0456



8.4568, 9.0598, 10.8093



9.6537, 10.1078, 31.5792



0.3586, 0.4277, 1.0119

Previews

White Background



This preview shows how the XYZ color 33.1914, 32.1719, 23.8624 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.1914, 32.1719, 23.8624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

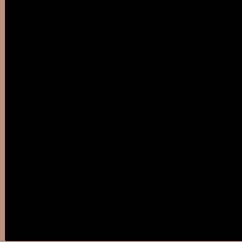
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1914, 32.1719, 23.8624

Background



This preview shows how black text looks on a background with the XYZ color 33.1914, 32.1719, 23.8624.



This preview shows how white text looks on a background with the XYZ color 33.1914, 32.1719,

23.8624.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.1914, 32.1719, 23.8624

Protanopia

30.3522, 32.3511, 25.0667

Deuteranopia

32.8820, 32.2442, 23.8927



Tritanopia

35.4224, 32.1684, 34.9140

Trichromacy



Original Color

33.1914, 32.1719, 23.8624

Protanomaly

31.2596, 32.1005, 24.6271

Deuteranomaly

33.1140, 32.3638, 23.9036

Tritanomaly

34.4596, 31.9970, 30.3464

Monochromacy



Original Color

33.1914, 32.1719, 23.8624

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5721, 32.3626, 30.9681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1914, 32.1719, 23.8624 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 147, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 147, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.1914, 32.1719, 23.8624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 147, 125) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 147, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 147, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1914, 32.1719, 23.8624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
147, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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